

1 - 2. (canceled)

3. (currently amended) A polylactic acid formed article as set forth in claim 9 ~~1 or~~ 2, wherein the resin composition further comprises a dispersant for the crystal nucleus agent, and the dispersant comprises an aliphatic amide.

4. (original) A polylactic acid formed article as set forth in claim 3, wherein the aliphatic amide comprises at least one of erucamide, stearamide, oleamide, ethylene-bis-stearamide, ethylene-bis-oleamide and ethylene-bis-laurylamide.

5 - 8. (canceled)

9. (currently amended) A polylactic acid article formed from a sheet of a resin composition comprising polylactic acid as a major resin component,

the resin composition comprising a crystalline polylactic acid resin (A) having an optical purity of not lower than 95%, an aromatic/aliphatic copolymer polyester ~~or an aliphatic polyester~~ (B) having a glass transition temperature of not higher than 0°C, and talc (C) having an average particle diameter of 1 to 8 μm with an (A)/(B) blend ratio of (A)/(B)=97/3 to ~~80/20~~ 85/15% by mass and with a (C) blend ratio of 1 to 30% by mass based on the total amount of the composition, and

~~the sheet being a heat-treated sheet that is heat treated at a temperature of 110 to 150°C and in a range of 1 to 30 seconds before the forming or during the forming, and~~

the formed article having a crystallization index such that a difference between an absolute value of a crystal fusion heat amount ΔH_m as measured at a heat-up rate of 20°C/min by means of a differential scanning colorimeter and an absolute value of a heat-up crystallization heat amount ΔH_c is $(|\Delta H_m| - |\Delta H_c|) \geq 25 \text{ J/g}$, a crystallization speed of not lower than 0.010 min^{-1} at 130°C, and a falling ball impact resistance such that a falling ball height is not smaller than 20 cm with respect to a thickness of 500 μm .

10. (original) A polylactic acid formed article as set forth in claim 9, which is formed by one of vacuum forming, air pressure forming, vacuum air pressure forming and press forming of the sheet.

11. (currently amended) A production process for a polylactic acid article formed from a sheet of a resin composition comprising polylactic acid as a major resin component, the production process comprising the steps of:

extruding the resin composition into a sheet, the resin composition comprising a crystalline polylactic acid resin (A) having an optical purity of not lower than 95%, an aromatic/aliphatic copolymer polyester ~~or an aliphatic polyester~~ (B) having a glass transition temperature of not higher than 0°C, and talc (C) having an average particle diameter of 1 to 8 μm with an (A)/(B) blend ratio of (A)/(B)=97/3 to ~~80/20~~ 85/15% by mass and with a (C) blend ratio of 1 to 30% by mass based on the total amount of the composition;

heat-treating the sheet at a treatment temperature of 110 to 150°C for a treatment period of 1 to 30 seconds and forming the sheet into the article.

12. (original) A polylactic acid formed article production process as set forth in claim 11, wherein the sheet is formed by one of vacuum forming, air pressure forming, vacuum air pressure forming and press forming after the sheet is heat-treated.

13. (original) A polylactic acid formed article production process as set forth in claim 11, wherein the sheet is formed by one of vacuum forming, air pressure forming, vacuum air pressure forming and press forming, while the sheet is heat-treated in a die.